



## IS220 TwinScan™

IS220 is a rugged high speed omnidirectional scan engine. With an expanded scan field and high first-pass read rate, it is ideal for reverse vending and industrial applications.

Metrologic's IS220 scan engine is a fully self-contained dual pattern laser scanner. It is ideal for reverse vending, package tracking/conveyor scanning and other industrial applications.

With its durable design, high scan rate, expanded coverage and long list of software features, Metrologic's IS220 is the perfect fit for any factory, warehouse or shipping environment.

IS220's rugged steel casing protects it from harsh external conditions. Two interlocking scan patterns provide a large area of coverage (up to 330mm) and aggressive First Pass performance.

With Flash-upgradeable firmware, system updates are fast and easy. The unit features integrated diagnostics and remote monitoring capabilities to minimize downtime.

[www.metrologic.com](http://www.metrologic.com)

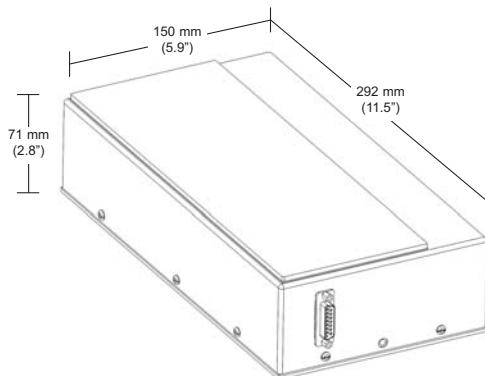


### FEATURES

- 4,000 scans per second of reliable first-pass read
- Two optical modules with interlocking scan patterns
- IP 54 rating
- Flash upgradeable firmware
- Self diagnostics and remote monitoring

### BENEFITS

- Ideal for high-speed industrial applications
- Produces expanded omnidirectional scan field
- Industrial strength housing
- Fast system updates
- Minimized down time



## SCAN PERFORMANCE

Depth of Scan Field	115 mm-190 mm (4.5"-7.5")
Width of Scan Field	270 mm @ 115 mm (10.6" @ 4.5"); 330 mm @ 190 mm (13" @ 7.5")
Scan Speed	4,000 scan lines per second
Scan Pattern	2 interlocking patterns of 20 lines each
Minimum Bar Width	0.2 mm (8 mil)
Decode Capability	Autodiscriminates all standard 1D bar codes
Print Contrast	35% minimum reflectance difference

## OPERATIONAL

Light Source	2 visible laser diodes 650
Laser Power	1.2 mW (peak)
System Interfaces	RS232

## MECHANICAL

Weight	2.5 kg (5.5 lbs)
Mounting	2 ea. PEM, B-M5-2 mounting holes. Can be mounted in any orientation

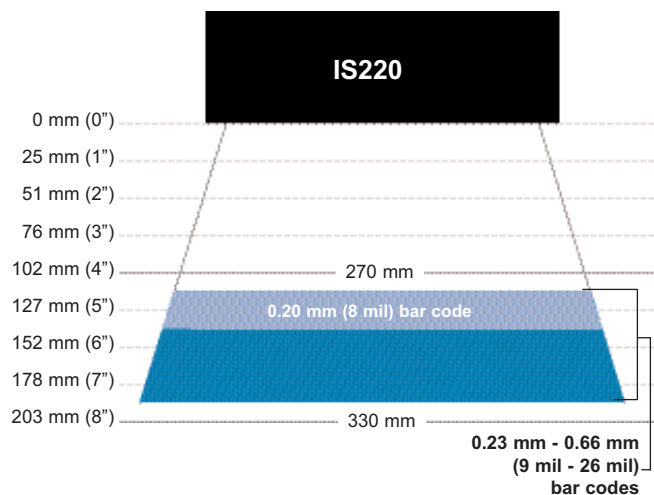
## ELECTRICAL

Input Voltage	5 VDC
Power	6 W
Operating Current	1.2A
Laser Class	CDRH & IEC: Class 2 according to IEC 60825-1:1993 + A1:1997 + A2:2001
EMC	FCC Class B

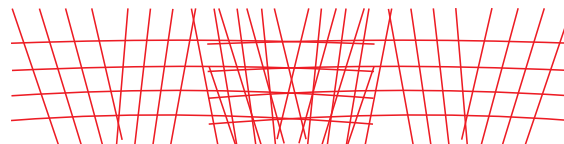
## ENVIRONMENTAL

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	5% to 95% relative humidity, non-condensing
IP Rating	IP 54
Ventilation	None required

## Scan Area



## Scan Pattern



Product Colors  
Available



IS220 is available in a variety of other colors with minimum quantity purchase



Sunrise 2005 Compliant



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**ISO 9001:2000**

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